

**ABSTRACT OF THE DISCLOSURE**

[235] Disclosed are a number of homologs and variants of *Hypocrea jecorina* Cel7A (formerly *Trichoderma reesei* cellobiohydrolase I or CBH1), nucleic acids encoding the same and methods for producing the same. The homologs and variant cellulases have the amino acid sequence of a glycosyl hydrolase of family 7A wherein one or more amino acid residues are substituted and/or deleted.